

Seven Handy Kinks for Autoists

Window Screens, Luggage Carrier, Table, Other Ideas

YOU can lash considerable bulky luggage to the running board of your car by the use of a rope arranged as shown in Fig. 1. The eyes should be bent up from an iron rod at least one quarter inch in diameter. By loosening the screws, the eyes can be turned under the running board when not in use.

Secret Switch Foils Thief

WHEN properly installed, the switch shown in Fig. 3 is so well concealed that the auto thief will never find it. As you get out of the car, slip the brass plate into your pocket, leaving the two screw

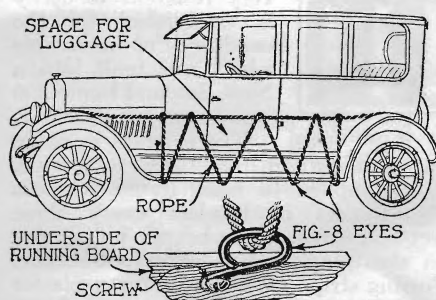


Fig. 1. Several special eyes and some rope arranged in this way will hold considerable luggage

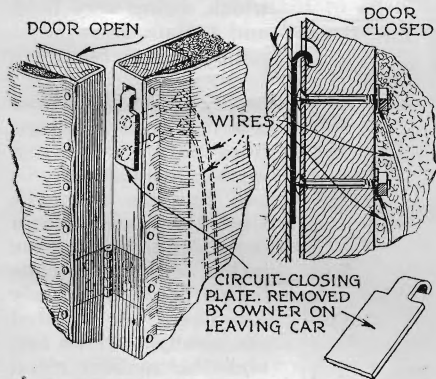


Fig. 3. Secret switch in ignition circuit to foil the automobile thief

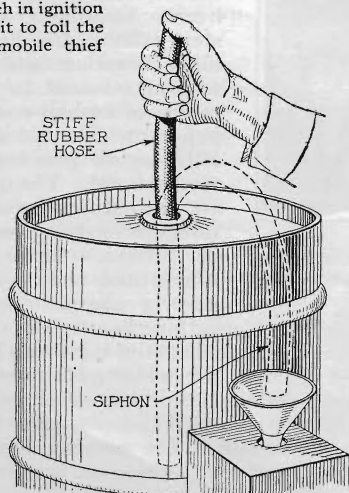


Fig. 4. To start the siphon, move hose rapidly up and down, applying thumb on the up stroke

Ten Dollars for an Idea!

PAUL KOSELKE, of Lansing, Ill., wins the \$10 prize this month for his suggestion of the auto window screens (Fig. 5). Each month **POPULAR SCIENCE MONTHLY** awards \$10 in addition to regular space rates to the reader sending in the best idea for motorists. Other published contributions will be paid for at usual rates.

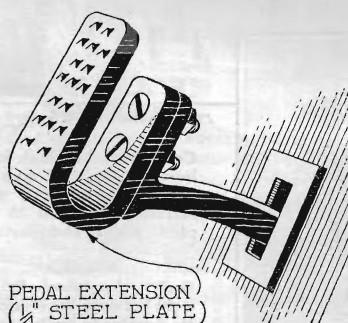


Fig. 2. A wrought iron pedal extension of this design is convenient, safe and easily made

heads exposed. The wires should be run inside the body lining so they will not show. If the sheet metal of the body extends over the surface where the screws are to be fastened, insulate the screws.

Novel Siphon Starter

YOU can start a siphon with a piece of hose as in Fig. 4. Push the hose down with a rapid motion, at the bottom of the stroke clamp your thumb over the end; pull up and repeat until the hose is full of gasoline. This stunt will work only with gasoline or other free flowing liquids.

Screen Your Car

FOR auto camping trips, screen at least two of the windows as shown in Fig. 5. The cross members are hinged so the screen can fold up. Cloth netting is used, the upper edge fastened with snap fasteners and the lower edge held in place by the window pane, which is cranked up against the lower edge of the screen.

Switch to Control Generator

TO CONTROL the output of the generator, you can install a switch on the instrument board and wire it in series with the third brush and one or two headlight bulbs arranged in parallel (Fig. 6). When the switch is on, the bulb is short circuited and the third brush functions as usual. When the switch is off, the bulb is

in series with the third brush and the output is increased.

Pedal Extension Easy to Build

SO LONG as cars are built to fit the average-sized person, the short man or woman will have trouble reaching the pedals. A strong, yet easily built extension can be built as shown in Fig. 2.

A Table for the Auto Lunch

FIG. 7 shows how to build a simple table that will prove useful for serving luncheon in the car. When not in use, it can be folded out of the way.

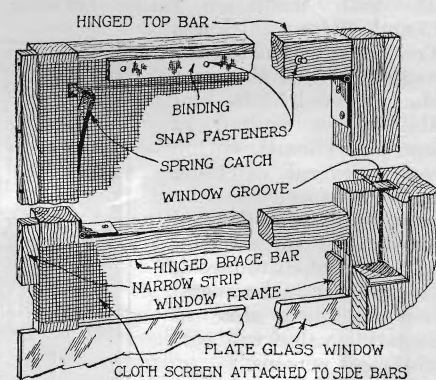


Fig. 5. Screens for at least two windows will add to your comfort when auto camping

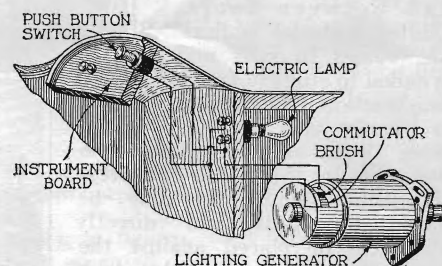


Fig. 6. You can change the output of your charging generator by using this arrangement

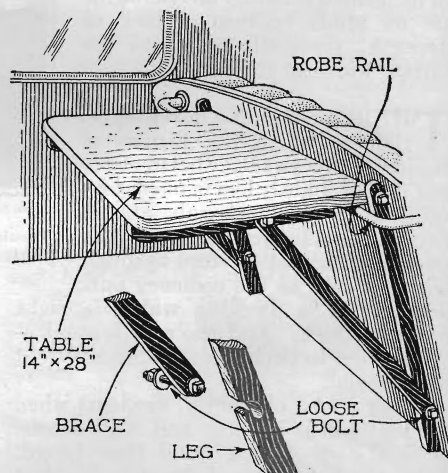


Fig. 7. A folding table that will prove handy on auto luncheon parties and is easily made